

1     REAL-TIME STREAMED DATA DOWNLOAD SYSTEM AND METHOD

Abstract of the Disclosure

5     A system, a method, and an article of manufacture for near real-time transfer of a  
datafile from a first computer to a second computer. The system comprises a first  
computer connected to a second computer over a computer network. These  
computers are operated such that on the first computer a server side script, responsive  
to a download request from the second computer, operable to launch an  
httpstreamproducer and to read and write data over the computer network. The  
10   httpstreamproducer operable to read a designated source file and simultaneously write  
data from the source file into a return-data-buffer connected to the server-side script  
and a read-while-write mechanism allowing the httpstreamproducer to read data from  
the designated source file while the designated source file is being written by a data  
producer program. The second computer a transaction handler class, each instance of  
15   which is operable to read and write data produced by an httpstreamproducer over the  
computer network and to write blocks of data to a destination simultaneously with  
receiving data from the computer network.